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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nicholas J. Pinto

Application No.: 10/771,752

Filed: February 4, 2004

For: CONDUCTING POLYMER

Group Art Unit: 1723

Examiner: Unknown

CERTIFICATE OF MAILING

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence including:

- Information Disclosure Statement by Applicant
- Information Disclosure Statement under 37 C.F.R. § 1.97(b)(3)

is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to:

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Alexandria, VA 22313-1450

April 4, 2005

By: Elena M Jiménez
Elena M. Jiménez

UPR-3000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Nicholas J. Pinto	Group Art Unit: 1723
Application No.: 10/771,752	Examiner: Unknown
Filed: February 4, 2004	**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(3)**
For: CONDUCTING POLYMER	

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b)(3), applicants bring to the attention of the Examiner the documents listed on the attached form.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art". If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

March 18, 2005

By: _____

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

	Complete if Known
Application Number	10/771,752
Filing Date	2/4/2004
First Named Inventor	Pinto
Group Art Unit	1723
Examiner Name	Unknown
Attorney Docket Number	UPR-3000

Sheet 1 of 2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTER), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published.
	CA	C. K. CHIANG, C. R. FINCHER, JR., Y. W. PARK, A. J. HEEGER, H. SHIRAKAWA, E. J. LOUS, S. C. GAU, and ALAN G. MACDIARMID; *Electrical Conductivity in Doped Polyacetylene*; Physical Review Letters; 1977; Vol. 39, No. 17; pp 1098-1101; USA
	CB	JIN-CHIH CHIANG and ALAN G. MACDIARMID; *'Polyaniline': Protonic Acid Doping of the Emeraldine Form to the Metallic Regime*; Synthetic Metals; 1986; pp 193-204; USA
	CC	H. H. S. JAVADI, F. ZUO, K. R. CROMACK, M. ANGELOPOULOS, A. G. MACDIARMID, and A. J. EPSTEIN; *Charge Transport in the "Emeraldine" Form of Polyaniline*; Synthetic Metals; 1989; pp E409-E416; USA
	CD	F. ZUO, M. ANGELOPOULOS, A. G. MACDIARMID, A. J. EPSTEIN; *ac conductivity of emeraldine polymer*; Physical Review B; 1989; Vol. 39, No. 6; pp 3570-3578; USA
	CE	YONG CAO, PAUL SMITH, and ALAN J. HEEGER; *Counter-ion induced processibility of conducting polyaniline and of conducting polyblends of polyaniline in bulk polymers*; Synthetic Metals; 1992; pp 91-97; USA
	CF	Y. Z. WANG, J. JOO, C. H. HSU, J. P. POUGET, A. J. EPSTEIN; *Charge Transport of Hydrochloric Acid Doped Plyaniline and Poly(o-toluidene) Fibers: Role of Processing*; Macromolecules; 1994; 27; pp 5871-5876; USA
	CG	CHUEN-GUEY WU, THOMAS BEIN; *Conducting Carbon Wires in Ordered, Nanometer-Sized Channels*; Science; Vol. 266, No. 5187; 1994; pp 1013-1015; USA
	CH	HSUN-TSING LEE, KUEN-RU CHUANG, SHOW-AN CHEN, PEI-KUEN WEI, JUI-HUNG HSU, and WUNSHAIN FANN; *Conductivity Relaxation of 1-Methyl-2-pyrrolidone-Plasticized Polyaniline Film*; American Chemical Society; 1995; 28; pp 7645-7652; China
	CI	R. S. KOHLMAN, A. ZIBOLD, D. B. TANNER, G. G. IHAS, T. ISHIGURO, Y. G. MIN, A. G. MACDIARMID, and A. J. EPSTEIN; *Limits for Metallic Conductivity in Conducting Polymers*; Physical Review Letters/The American Physical Society; 1997; Vol. 78, No. 20; pp 3915-3918; USA
	CJ	ALAN G. MACDIARMID, YAO ZHOU, and JING FENG; *Oligomers and isomers: new horizons in poly-anilines*; Synthetic Metals; 1999; pp 131-140; USA
	CK	ALDO J. G. ZARBIN, MARCO-A. DE PAOLI, OSWALDO L. ALVES; *Nanocomposites glass/conductive polymers*; Synthetic Metals; 1999; pp 227-235; USA
	CL	NICHOLAS J. PINTO; ANGEL A. ACOSTA; GHANSHYAM P. SINHA, and FOUAD M. ALIEV; *Dielectric permittivity study on weakly doped conducting polymers based on polyaniline and its derivatives*; Synthetic Metals; 2000; pp 77-81; USA
	CM	A. N. PAPATHANASSIOU; *The power law dependence of the a.c. conductivity on frequency in amorphous solids*; Journal of Physics D: Applied Physics; 2002; pp L88-L89

Examiner Signature		Date Considered	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	10/771,752
				Filing Date	2/4/2004
				First Named Inventor	Pinto
				Group Art Unit	1723
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	UPR-3000

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTER), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page (s), volume-issue number(s), publisher, city and/or country where published.
	CN	J. Y. SHIMANO, and A. G. MACDIARMID; *Phase segregation in polyaniline: a dynamic block copolymer*; Synthetic Metals; 2001; pp 365-366; USA
	CO	JAMES Y. SHIMANO and ALAN G. MACDIARMID; *Polyaniline, a dynamic block copolymer: key to attaining its intrinsic conductivity*; Synthetic Metals; 2001; pp 251-262; USA
	CP	A. N. PAPATHANASSIOU, J. GRAMMATIKAKIS, S. SAKKOPOULOS, E. VITORATOS, E. DALAS; *Localized and long-distance charge hopping in fresh and thermally aged conductive copolymers of polypyrrole and polyaniline studied by combined TSDC and dc conductivity;* Journal of Physics and Chemistry of Solids; 2002; pp 1771-1778; Greece
	CQ	
	CR	
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	CT	
	CU	
	CV	
	CW	
	CX	
	CY	

Examiner Signature		Date Considered	